

3

## Work Order ID 51052



Page 1

July 30, 2009 8:21:24 AM

Item ID: D205-523-043

Accept



Setup Start



Revision ID: N/A

Stop



Item Name: Slide Bar Assembly

Start Date: 08/06/2009 Start Qty: 5.00



Cust Item ID:

Required Date: 08/20/2009 Req'd Qty: 5.00



Customer:

Reference:

Approvals: Process Plan: MF

Date: 09-07-30

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
N/A	Rev N/A

100	Pick Kit	0.00							
-----	----------	------	--	--	--	--	--	--	--



Packaging

Memo

0.00

Packaging

EP 09/08/13 (5)

110	Small Fab	0.00							
-----	-----------	------	--	--	--	--	--	--	--



Small Fab

Memo

0.00

Small Fab

Assemble as per Dwg D205-523-043

EP 09/08/13 (5)

120	QC5- Inspect part completeness to step on W/O	0.00							
-----	---	------	--	--	--	--	--	--	--



QC

Memo

0.00

Quality Control

2) S 09/08/13

(5) f

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 51052**

July 30, 2009 8:21:24 AM



Page 2

Item ID: D205-523-043

Accept



Setup Start



Revision ID: N/A

Stop



Item Name: Slide Bar Assembly

Start Date: 08/06/2009 Start Qty: 5.00



Cust Item ID:

Required Date: 08/20/2009 Req'd Qty: 5.00



Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run HoursDraw  
NumberDraw  
Rev.Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

Identify as per dwg &amp; Stock Location: \_\_\_\_\_

0.00



Packaging

Memo

0.00

Packaging

9/8/13

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

09/08/21

mf 09-08-21

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_




NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

July 30, 2009 8:21:24 AM

**Comments:**

**Required Qty: 5.00**

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3011-1RevA 		Manufactured	No			110	Each	1.0000	5.0000		<u>09/08/13</u>	
Rappel												
				<u>Warehouse</u>	<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>		
				Main Warehouse				350968		52		
				ST				1				
					50004			1				
AN960JD616L 		Purchased	No			110	Each	289.0000	10.0000		<u>09/08/13</u>	
Washer												
				<u>Warehouse</u>	<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>		
				Main Warehouse								
				ST				289				
					111819			289			10	
MS21042L6 		Purchased	No			110	Each	755.0000	10.0000		<u>09/08/13</u>	
Nut												
				<u>Warehouse</u>	<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>		
				Main Warehouse								
				ST				755				
					105077			22				
					110002			233			10	
					111548			100				
					111578			400				

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Page 2

July 30, 2009 8:21:24 AM

Work Order ID: 51052

Parent Item: D205-523-043RevN/A

Parent Item Name: Slide Bar Assembly



Comments:

Start Date: 08/06/2009

Required Date: 08/20/2009

Start Qty: 5.00

Required Qty: 5.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
33116 		Purchased	No			110	Each	0.0000	10.0000			
Stud Fitting D3012-1RevA 		Manufactured	No			110	Each	86.0000	10.0000			
Decal												

M112338

EF 09/08/13

EF 09/08/13

Warehouse  
Location

Loc Qty

Loc Code

Main Warehouse

ST

6

50508

6

Main Warehouse

ST60

80

50852

80

10

D3012-3RevA

Manufactured No

110

Each

108.0000

10.0000



Decal



EF 09/08/13

Warehouse  
Location

Loc Qty

Loc Code

Main Warehouse

ST

108

43757

5

47661

3

50509

20

50853

80

0

0

3

7

July 30, 2009 8:21:24 AM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

Page 3

July 30, 2009 8:21:24 AM

Work Order ID: 51052



Parent Item: D205-523-043RevN/A



Parent Item Name: Slide Bar Assembly

Start Date: 08/06/2009

Required Date: 08/20/2009

Comments:

Start Qty: 5.00

Required Qty: 5.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

D3012-5RevA

Manufactured

No

110

Each

88.0000

10.0000



*09/08/13*

Decal

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

88

50173

8

50854

80

10

July 30, 2009 8:21:24 AM

Shop Packet Print

Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

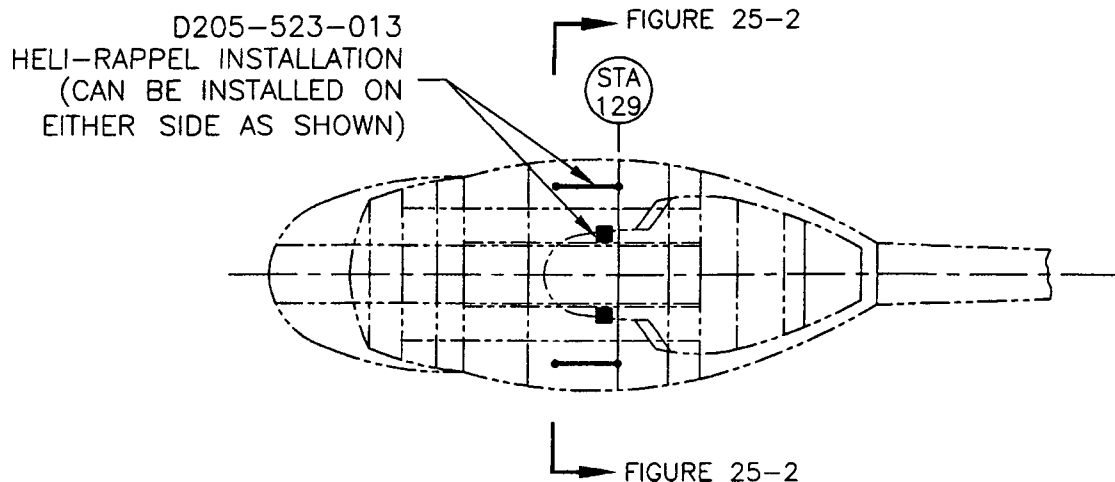


Figure 25-1: Location of Heli-Rappel™ Installation

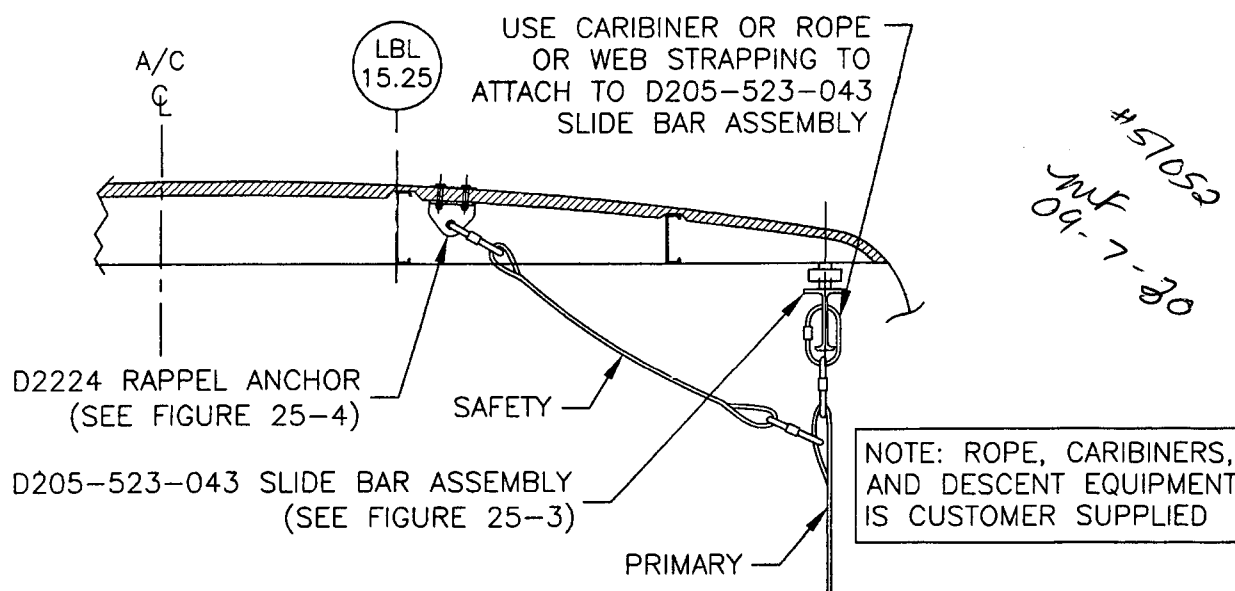


Figure 25-2: Location of Heli-Rappel™ Installation  
LH Installation Shown, RH Opposite  
(View Looking Aft - Section Rotated 90° CCW))

• COPYRIGHT © 2001 BY DART AEROSPACE LTD. •  
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED  
OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

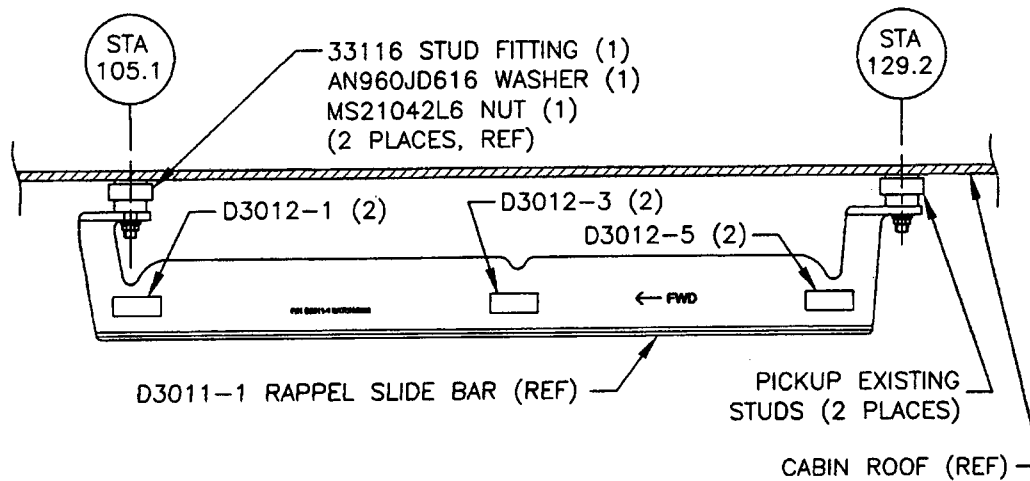


Figure 25-3: Installation of D205-523-043 Slide Bar Assembly  
(View Looking Inboard)

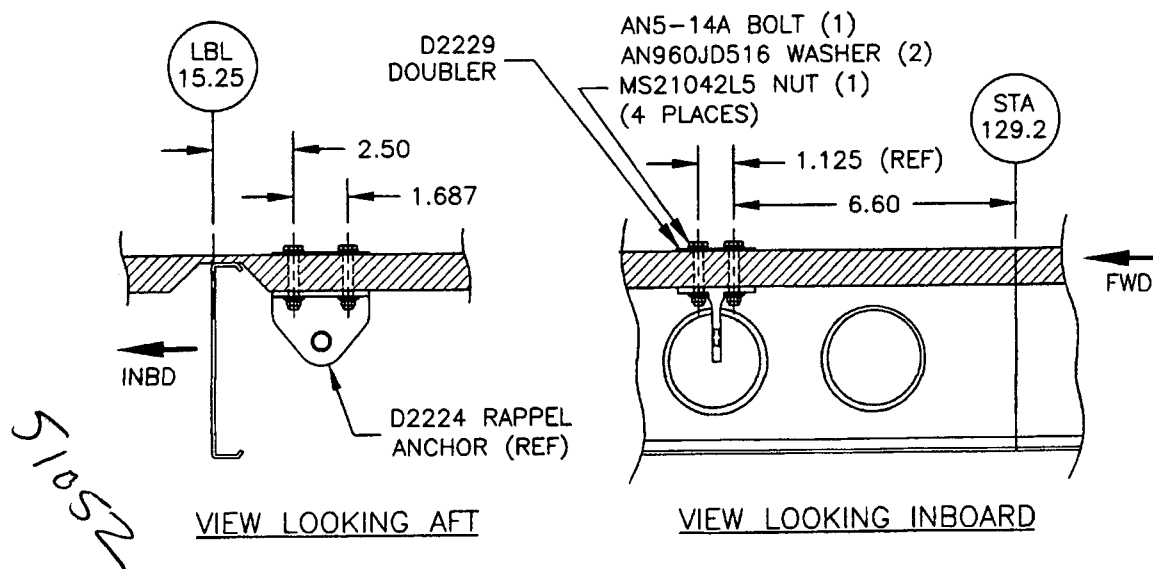


Figure 25-4: D2224 Rappel Anchor Installation

• COPYRIGHT © 2001 BY DART AEROSPACE LTD. •  
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

**25-00-00**

## 25.4 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D205-523-013	3.5 lb 1.59 kg	±34.5 in ±0.876 m	±120.75 in-lb ±1.39 m-kg	116.8 in 2.97 m	408.8 in-lb 4.72 m-kg

## 25.5 PARTS LIST

-013	-023	-043	Part No.	Description
X			D205-523-013	HELI-RAPPEL™ INSTALLATION
	X		D205-523-023	300 HOUR INSPECTION KIT
1		X	D205-523-043	SLIDE BAR ASSEMBLY
		1	D3011-1	RAPPEL SLIDE BAR
		2	33116	STUD FITTING
	2	2	MS21042L6	NUT (OR MS21042-6)
	2	2	AN960JD616	WASHER
	2	2	D3012-1	DECAL
	2	2	D3012-3	DECAL
	2	2	D3012-5	DECAL
1			D2224	RAPPEL ANCHOR
2			D2229	DOUBLER
4	4		AN5-14A	BOLT
8	8		AN960JD516	WASHER
4	4		MS21042L5	NUT (OR MS21042-5)

51052

• COPYRIGHT © 2001 BY DART AEROSPACE LTD. •  
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.